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# Utah Data Guide

Utah State Data Center

A Newsletter for Data Users

Utah Office of Planning and Budget, Demographic and Economic Analysis

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# Utah's 1991 and Revised Intercensal Population Estimates

The Utah Population Estimates Committee has estimated that Utah's population reached 1,775,000 on July 1, 1991, an increase of 2.7 percent over the July 1, 1990 population. Table 1 provides total population, natural increase, and net migration by county for 1990 and 1991, as of July 1.

# Components of Change: Migration and Natural Increase

The 2.7 percent growth rate Utah experienced between 1990 and 1991 is the fastest since 1982. and the first time since 1983 that Utah has experienced net in-migration. During Utah's period of economic stagnation, out-migration reached a record high of over 14,000 in 1988. However, due primarily to Utah's strong economic performance in 1989 and 1990, net out-migration was substantially reduced. Out-migration was estimated to be approximately 10,600 in 1989 and 3,600 in 1990. Fiscal year 1991 experienced a turnaround, with net in-migration of almost 19,000. While Utah has experienced robust employment growth in the past few years, it is assumed that a large number of the people moving to, or back to, Utah are doing so as a result of the poor economic conditions in the area they were living in, rather than solely due to economic opportunities in Utah.

Natural increase is the number of births minus the number of deaths over a period of time, generally one year. The number of deaths in Utah has climbed proportionally with the total population. The number of births peaked in 1982, and has declined almost every year since, until 1991. In fiscal year 1991, the preliminary count of births was 36,312, an increase of 2.1 percent over the previous year. This

is the largest percentage increase in births since 1980.

### County Population

The population increase in Utah was distributed across almost all counties. Twenty-five of Utah's twenty-nine counties experienced net in-migration in 1991. Summit County was the fastest growing county in Utah in 1991, with 6.1 percent growth. Washington County had the second fastest growth, with 5.7 percent, followed by Wasatch (5.6 percent), Piute (5.2 percent) and Uintah (3.8 percent).

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Table 1 1990 and 1991 Preliminary July 1 Population Estimates by County

County			To Carlo Control Control		Rounded		
	1990 Population Estimate	1990 Natural Increase	Implied Net Migration	1991 Preliminary Estimate	1990 Estimate	1991 Preliminary Esimate	1990-91 Growth Rat
Beaver	4,772	28	49	4,849	4,800	4,850	1.629
Box Elder	36,493	531	94	37,118	36,500	37,100	1.719
Cache	70,519	1,327	99	71,945	70,500	71,900	2.029
Carbon	20,175	165	220	20,560	20,200	20,600	1.91
Daggett	704	5	0	709	700	700	0.74
Davis	188,470	3,206	3,405	195,081	188,000	195,000	3.519
Duchesne	12,602	195	39	12,836	12,600	12,800	1.86
Emery	10,298	118	(218)	10,198	10,300	10,200	-0.979
Garfield	3,968	35	77	4,080	3,950	4,100	2.82
Grand	6,595	57	171	6,823	6,600	6,800	3.45
Iron	20,910	343	246	21,499	20,900	21,500	2.82
Juab	5,796	40	171	6,007	5,800	6,000	3.65
Kane	5,152	46	73	5,271	5,150	5,250	2.32
Millard	11,324	149	95	11,568	11,300	11,600	2.15
Morgan	5,558	59	43	5,660	5,550	5,650	1.84
Piute	1,263	1	64	1,328	1,250	1,350	5.16
Rich	1,727	3	(9)	1,721	1,750	1,700	-0.35
Salt Lake	728,164	11,073	7,872	747,109	728,000	747,000	2.60
San Juan	12,617	224	(163)	12,678	12,600	12,700	0.48
Sanpete	16,336	160	391	16,887	16,300	16,900	3.379
Sevier	15,426	134	174	15,734	15,400	15,700	2.00
Summit	15,685	228	725	16,638	15,700	16,600	6.089
Tooele	26,668	361	138	27,167	26,700	27,200	1.879
Uintah	22,220	328	513	23,061	22,200	23,100	3.79
Utah	265,660	5,482	482	271,624	266,000	272,000	2.24
Wasatch	10,120	115	449	10,684	10,100	10,700	5.57
Washington	49,061	547	2,244	51,852	49,100	51,900	5.69
Wayne	2,164	13	11	2,188	2,150	2,200	1.10
Weber	158,707	2,066	1,364	162,137	159,000	162,000	2.16
State Total	1,729,154	27,039	18,821	1,775,014	1,729,000	1,775,000	2.65

Note: Rounded totals may not add due to rounding.

Source: Utah Population Estimates Committee.

Table 2
Utah Population Estimates
by County

County	July 1 1980	July 1 1981	July 1 1982	July 1 1983	July 1 1984	July 1 1985	July 1 1986	July 1 1987	July 1 1988	July 1 1989	July 1 1990	1980-90 % Chg
Beaver	4,400	4,600	4,650	5,000	5,150	5,050	4,950	4,900	4,800	4,800	4,800	9.09%
Box Elder	33,500	33,800	34,200	34,700	34,900	35,500	36,000	36,300	36,300	36,500	36,500	8.969
Cache	57,700	59,400	61,200	63,500	64,300	65,200	66,300	67,500	68,500	69,200	70,500	22.189
Carbon	22,400	23,000	24,300	24,100	23,100	22,800	22,300	21,700	21,100	20,400	20,200	-9.82%
Daggett	750	850	850	750	750	700	700	700	700	650	700	-6.67%
Davis	148,000	153,000	158,000	162,000	166,000	170,000	175,000	179,000	184,000	186,000	188,000	27.039
Duchesne	12,700	13,100	13,700	14,400	14,800	14,700	14,300	13,700	13,100	12,800	12,600	-0.799
Emery	11,600	12,000	12,700	12,700	11,900	11,100	11,100	10,900	10,500	10,400	10,300	-11.219
Garfield	3,700	3,700	3,750	3,900	3,900	4,000	4,000	4,000	3,950	4,000	3,950	6.769
Grand	8,250	8,400	8,150	8,050	7,750	7,200	7,050	6,900	6,750	6,700	6,600	-20.009
Iron	17,500	18,100	18,600	19,500	20,000	20,100	20,300	20,300	20,100	20,400	20,900	19.439
Juab	5,550	5,600	5,700	5,950	6,200	6,300	5,900	5,800	5,800	5,900	5,800	4.509
Kane	4,050	4,050	4,200	4,500	4,700	4,950	5,100	5,150	5,250	5,250	5,150	27.169
Millard	9,050	9,450	10,100	10,800	12,400	12,900	12,200	11,400	11,300	11,300	11,300	24.869
Morgan	4,950	5,000	5,100	5,100	5,150	5,250	5,250	5,350	5,350	5,450	5,550	12.129
Piute	1,350	1,350	1,250	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,250	-7.419
Rich	2,150	2,250	2,350	2,250	2,100	2,050	2,000	1,850	1.750	1.750	1,750	-18.609
Salt Lake	625,000	641,000	659,000	673,000	686,000	697,000	706,000	710,000	713,000	720,000	728,000	16.489
San Juan	12,400	12,600	12,500	12,900	12,600	12,300	12,400	12,600	12,600	12,600	12,600	1.619
Sanpete	14,800	15,200	15,800	16,400	16,400	16,300	15,800	15,900	16,000	16,000	16,300	10.149
Sevier	14,900	15,100	15,300	15,600	15,800	15,900	15,300	15,400	15,400	15,400	15,400	3.369
Summit	10,400	11,100	11,600	12,200	12,800	13,000	13,400	14,200	14,300	15,100	15,700	50.969
Tooele	26,200	26,500	26,700	26,800	27,100	27,300	27,000	27,100	26,500	26,500	26,700	1.919
Uintah	20,700	22,100	24,800	26,000	25,200	24,900	24,000	23,000	22,700	22,200	22,200	7.259
Utah	220,000	227,000	232,000	238,000	243,000	245,000	247,000	252,000	255,000	258,000	266,000	20.919
Wasatch	8,650	8,850	8,700	9,100	9,200	9,200	9,450	9,700	9,750	10,000	10,100	16.769
Washington	26,400	27,900	29,800	31,300	33,300	36,800	40,700	43,200	45,000	47,200	49,100	85.989
Wayne	1,950	2,000	2,000	2,200	2,200	2,200	2,200	2,150	2,200	2,200	2,150	10.269
Weber	145,000	148,000	151,000	153,000	154,000	154,000	156,000	156,000	157,000	158,000	159,000	9.669
Multi County District												
BEAR RIVER	93,350	95,450	97,750	100,450	101,300	102,750	104,300	105,650	106,550	107,450	108,750	16.509
WASATCH FRONT	949,150	973,500	999,800	1,019,900	1,038,250	1.053,550	1,069,250	1,077,450	1.085,850	1.095.950	1,107,250	16.669
MOUNTAINLAND	239,050	246,950	252,300	259,300	265,000	267,200	269,850	275,900	279,050	283,100	291,800	22.079
SIX COUNTY	47,600	48,700	50,150	52,250	54,300	54,900	52,700	51,950	52,000	52,100	52,200	9.669
FIVE COUNTY	56,050	58,350	61,000	64,200	67,050	70,900	75,050	77,550	79,100	81,650	83,900	49.699
UINTAH BASIN	34,150	36,050	39,350	41,150	40,750	40,300	39,000	37,400	36,500	35,650	35,500	3.959
SOUTHEASTERN	54,650	56,000	57,650	57,750	55,350	53,400	52,850	52,100	50,950	50,100	49,700	-9.069
STATE OF UTAH	1,474,000	1,515,000	1,558,000	1,595,000	1,622,000	1,643,000	1,663,000	1,678,000	1,690,000	1,706,000	1,729,000	17.319

Source: Utah Population Estimates Committee.

### 1991 and Revised Intercensal Estimates

(continued from page 1)

Eighteen of Utah's counties experienced growth of 2 percent or more, compared to only 5 counties in the 1989-90 period. Like rural areas across the nation, the rural regions in Utah grew slowly or lost populations during the 1980s, so it is of significant interest to note that over half (10) of the 18 counties with 2 percent or more growth in 1991 were located in the rural areas of Utah.

### Intercensal Estimates

The Population Estimates Committee has also revised its intercensal county population estimates for the decade of the 1980s. These revised estimates for July 1 of each year, 1980 to 1990, are shown in Table 2. These revisions reflect the new information contained in the 1990 Census of Population, the U.S. Census Bureau's revised intercensal estimates for the State of Utah, and the Committee's school enrollment and LDS membership estimating methodology.

Over the interval July 1, 1980 to July 1, 1990, the state's population increased from 1,474,000 to 1,729,000, a gain of 17.3 percent. The northern part of the state (Bear River and Wasatch Front Districts) experienced population growth slightly below the state rate, but still maintained its 70 percent share of the state's population. Here, the most rapid growth occurred in Davis and Cache counties. Only Rich County had a population decline.

During the 80's, with the exceptions of Uintah and San Juan counties, the eastern part of the state (Uintah Basin and Southeastern Districts) suffered population declines during the decade of the 1980s. Grand, Emery, and Carbon counties were particularly depressed, with population declines ranging from 10 to 20 percent.

The Central District showed modest population growth, most of which was centered in Millard and Sanpete counties.

The fastest population growth occurred in the Southwestern and Mountainland Districts. In the former, Washington County's population increased 86 percent, while Iron and Kane counties experienced significant growth. In the latter, Summit County's population increased 51 percent. Utah County also experienced population growth in excess of the state average.

### NEW EDITIONS OF DEA REPORTS

The revised Economic and Demographic Profiles and Utah Demographic Report will be available in February.

Utah Economic and Demographic Profiles is a collection of the most commonly requested economic and demographic information about Utah. The report includes data on population, labor force, employment by major industry, personal income, and births and deaths. Data are presented by county, multi-county district (MCD), and state for years 1960, 1965, and 1970 through 1990.

Utah Demographic Report is a single source for demographic data for Utah, its counties and MCDs. The report also provides selected demographic data for the U.S. and its states.

This report includes information on population, births, deaths, households, net migration, and age groups for Utah. Historical data are provided by county for population, race, and age.

The reports are available for \$6.00 each (includes postage). Those interested in ordering these publications should contact Demographic and Economic Analysis at (801) 538-1036.

### Office of Planning and Budget's OPB ON-LINE

OPB On-Line is the Office of Planning and Budget's electronic on-line data base system. It allows data users to access the latest information electronically. Information is provided by the various divisions within the Office, including budget, planning, and economic and demographic data. The Demographic and Economic Analysis section (DEA) provides the economic and demographic data for OPB On-Line. The system is currently being updated with 1990 census information. OPB On-Line also provides data users with data from DEA publications, including the *Utah Data Guide* and the *Economic Report to the Governor*.

To access OPB On-Line, the user needs a modem and the software ATERM. This software can be purchased for a one-time cost of \$40 from DEA. Please call (801) 538-1550 for more information.

# 1989 Gross State Product

The Gross State Product (GSP) for 1989 was recently released by the U.S. Department of Commerce's Bureau of Economic Analysis (BEA). GSP is the gross market value of the final goods and services produced by the labor and property located within a state. It includes the value of all the capital produced without making allowances for capital depreciation. The national counterpart to the GSP is the Gross Domestic Product (GDP). Four main elements comprise GSP: compensation of employees; proprietors' income with inventory valuation adjustment and capital consumption allowances; indirect business tax and nontax liability; and other, mainly capital-related charges.

GSP estimates are available in both current and constant 1982 dollars. Current-dollar GSP estimates reflect changes in the command over resources associated with production and are particularly useful for analyzing the different regional effects of large changes in relative output prices, such as the changes in energy and agriculture prices during the 1970s and the 1980s. Constant-dollar GSP estimates reflect changes in the physical volume useful for comparing regional trends in labor productivity or for projecting the volume of industrial output.

The constant-dollars GSP estimates are based on national price deflators by industry. Therefore, constant-dollar industry estimates do not reflect the variations in regional prices. Particularly affected are the energy, construction, real estate, and state and local government sectors. At some point, the BEA may be able to develop state price data to improve the accuracy of constant-dollar estimates.

In 1988, the BEA first produced GSP figures for the years 1967 through 1986. The information currently available includes revised data for years 1977 through 1986, and new data for 1987 through 1989. These are comprehensive measures of production, useful for research and comparative state studies.

#### Utah's GSP

In 1989, Utah's GSP had grown to \$28.1 billion. This was about one-half of 1 percent of total U.S. GSP. Although the value of Utah's production

ranked 35th in the nation, its population also ranked 35th. Because Utah has more of its population under age 18 than any other state, it ranks low in per capita GSP--44th. Utah's per capita GSP was \$16,492 while the U.S. average was \$20,925 (see Table 3).

### Industry Composition

In 1989, Services was the state's largest industry in terms of GSP value. Of total GSP, Services contributed 17.5 percent. Following Services, Utah's 1989 GSP was comprised of: Manufacturing, 16.5 percent; Government, 15.5 percent; FIRE (Finance, Insurance and Real Estate), 14.6 percent; Transportation, Communications and Public Utilities (TCPU), 12.4 percent; Retail Trade, 9.5 percent; Wholesale Trade, 6.3 percent; Construction, 3.9 percent; Mining, 2.1 percent; and finally, Agriculture, Forestry and Fisheries, 1.8 percent. GSP by industry, and each industry's share of GSP may be found in Table 4.

As a share of total GSP, declines were experienced by Mining, Construction, Agriculture, Retail and Wholesale Trades and Government. Increases were in the Services, TCPU, FIRE, and Manufacturing industries. While these changes generally reflect the national trend toward a more service-oriented economy, these figures alone are not necessarily indicative of the future for other industries. For example, the Construction sector experienced the strongest employment growth during 1991.

Although Government's share of total GSP fluctuated between 1977 and 1989, it ended .7 percent lower, at 15.5 percent. The change was primarily a result of lower Federal Civilian figures, while the Federal Military and State and Local were basically unchanged.

Utah's mining industry, the smallest of the 10 major industries in 1989, has been hard hit by changes in the world's energy market. In 1977, Mining comprised 5.1 percent of total GSP. By 1989, that share had dropped to 2.1 percent. In current dollars, Mining GSP dropped from \$520 million in 1977 to \$509 million in 1989.

Table 3 Gross State Product Rankings 1977 & 1989

	1977 1989 Annual Percent 1989 1989 GSP												
	GSP	GSP		Growth		GSP Size	Population	Pop	Per	Per			
	(millions)	(millions)	Change		GSP	Rank	(thousands)	Rank		Capi Ran			
Alabama	\$25,978	\$67,886	8.3%		1.3%		4,030	22	\$16,845	4			
Alaska	7,597	19,582	8.2%		0.4%		547	49	35,799				
Arizona	18,918	65,306	10.9%		1.3%		3,622	24	18,030	3			
Arkansas	14,795	37,169	8.0%		0.7%		2,346	33	15,844	4			
California	224,134	697,381	9.9%		13.5%		29,218	1	23,868				
Colorado	24,535	66,180	8.6%		1.3%		3,276	27	20,201	2			
Connecticut	29,822	88,863	9.5%		1.7%		3,283	26	27,068	-			
Delaware	5,623	15,418	8.8%		0.3%		658	46	23,432	]			
Florida	64,140	226,964	11.1%		4.4%		12,638	4	17,959	3			
Georgia	40,504	129,776	10.2%		2.5%		6,411	11	20,243				
Hawaii	8,946	25,755	9.2%		0.5%		1,095	41		33			
Idaho	6,929	16,339	7.4%		0.3%		994		23,521	100			
Illinois								43	16,438	4			
	114,966	256,478	6.9%		5.0%		11,410	6	22,478				
Indiana	48,176	105,314	6.7%		2.0%		5,524	14	19,065	3			
Iowa	26,598	52,574	5.8%		1.0%		2,771	30	18,973				
Kansas	20,593	48,829	7.5%		0.9%		2,473	32	19,745	2			
Kentucky	28,584	65,858	7.2%		1.3%		3,677	23	17,911				
Louisiana	39,478	79,138	6.0%		1.5%	22	4,253	21	18,608				
Maine	7,648	23,474	9.8%		0.5%	41	1,220	38	19,241	1			
Maryland	34,144	99,074	9.3%		1.9%	16	4,727	19	20,959				
Massachusetts	49,004	144,791	9.4%		2.8%		6,016	13	24,068				
Michigan	88,577	181,827	6.2%		3.5%	9	9,253	8	19,651	2			
Minnesota	35,862	93,559	8.3%		1.8%	19	4,338	20	21,567	1			
Mississippi	16,027	38,135	7.5%	32	0.7%	32	2,574	31	14,815	4			
Missouri	41,476	100,081	7.6%	30	1.9%	15	5,096	15	19,639	1 1			
Montana	6,383	13,104	6.2%	45	0.3%	46	800	44	16,380	4			
Nebraska	13,760	31,115	7.0%	38	0.6%	34	1,575	36	19,756	2			
Nevada	7,142	27,960	12.0%	1	0.5%	36	1,137	39	24,591				
New Hampshire	6,285	24,504	12.0%		0.5%	40	1,105	40	22,176				
New Jersey	66,396	203,375	9.8%		3.9%	8	7,726	9	26,323				
New Mexico	10,196	25,414	7.9%		0.5%	39	1,504	37	16,898	4			
New York	169,215	441,068	8.3%		8.5%	2	17,983	2	24,527				
North Carolina	44,148	130,085	9.4%		2.5%	12	6,565			,			
North Dakota	5,418	11,231	6.3%		0.2%	48		10	19,815	2			
Ohio	97,331	211,545	6.7%			7	646	47	17,385	4			
					4.1%		10,829	7	19,535	2			
Oklahoma	23,647	52,342	6.8%		1.0%	29	3,150	28	16,617	4			
Oregon	21,885	52,118	7.5%		1.0%	30	2,791	29	18,674	3			
Pennsylvania	98,690	227,898	7.2%		4.4%	5	11,866	5	19,206	2			
Rhode Island	7,112	18,807	8.4%		0.4%	43	1,001	42	18,788	3			
South Carolina	19,878	60,150	9.7%		1.2%	27	3,457	25	17,399	3			
South Dakota	5,200	11,135	6.6%		0.2%	49	697	45	15,976	4			
Tennessee	33,249	92,267	8.9%	18	1.8%	20	4,854	17	19,008	3			
Γexas	131,835	340,057	8.2%	26	6.6%	3	16,807	3	20,233	1			
Utah	10,116	28,135	8.9%	17	0.5%	35	1,706	35	16,492				
Vermont	3,440	11,502	10.6%	5	0.2%	47	558	48	20,613	1			
Virginia	42,781	136,497	10.2%	7	2.6%	11	6,120	12	22,303	1			
Washington	35,329	96,233	8.7%	20	1.9%	17	4,746	18	20,277	1			
West Virginia	14,633	27,922	5.5%	50	0.5%	37	1,807	34	15,452	4			
Wisconsin	40,123	93,978	7.4%		1.8%	18	4,857	16	19,349	2			
Wyoming	5,545	11,115	6.0%	48	0.2%	50	458	50	24,269	-			
United States ource: U.S. Depa		\$5,164,671	8.4%		100.0%		246,820		\$20,925				

Table 4
Utah Gross State Product by Industry
(millions of current dollars)

Industry	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Total	\$10,116	\$11,839	\$13,493	\$15,033	\$17,185	\$18,018	\$19,499	\$21,988	\$23,525	\$23,985	\$24,622	\$26,450	\$28,135
Private Industries	8,479	10,015	11,522	12,837	14,735	15,340	16,576	18,681	19,760	20,286	20,683	22,239	23,767
Ag., Forestry, Fisheries	217	258	346	356	362	380	350	392	375	395	479	516	509
Mining	520	587	780	1,031	1,278	1,058	901	873	722	539	537	571	596
Construction	773	875	989	965	921	942	1,048	1,316	1,340	1,224	1,043	1,022	1,092
Manufacturing	1,550	1,831	2,106	2,354	2,771	2,840	3,085	3,672	3,806	3,980	4,038	4,476	4,633
Durable Goods	1,056	1,270	1,487	1,671	1,960	1,937	2,096	2,564	2,623	2,708	2,716	2,930	3,043
Nondurable Goods	494	561	619	683	811	903	990	1,108	1,183	1,271	1,322	1,546	1,590
TCPU	1,055	1,264	1,421	1,699	2,053	2,261	2,605	2,865	2,982	3,081	3,087	3,307	3,499
Wholesale Trade	711	837	982	1,079	1,200	1,226	1,272	1,414	1,532	1,554	1,488	1,616	1,766
Retail Trade	1,082	1,238	1,351	1,387	1,539	1,650	1,792	2,012	2,170	2,336	2,285	2,502	2,665
FIRE	1,348	1,690	1,933	2,118	2,456	2,638	2,953	3,199	3,547	3,550	3,668	3,764	4,096
Services	1,222	1,435	1,614	1,847	2,153	2,344	2,570	2,937	3,287	3,626	4,058	4,465	4,910
Government	1,637	1,825	1,971	2,196	2,451	2,678	2,923	3,307	3,764	3,699	3,938	4,212	4,368
Federal Civilian	612	667	696	769	864	917	998	1,064	1,192	1,228	1,252	1,308	1,418
Federal Military	111	124	141	167	190	207	231	247	270	286	298	309	323
State & Local	914	1,034	1,134	1,260	1,396	1,554	1,693	1,995	2,302	2,185	2,388	2,595	2,627
					Share	of GSP							
Total	100.0%						100.0%						
Private Industries	83.8%												
Ag., Forestry, Fisheries	2.1%												
Mining	5.1%												
Construction	7.6%												
Manufacturing	15.3%												
Durable Goods	10.4%												
Nondurable Goods	4.9%				4.7%	5.0%	5.1%	5.0%	5.0%	5.3%	5.4%	5.8%	5.79
TCPU	10.4%												
Wholesale Trade	7.0%												
Retail Trade	10.7%	10.5%	10.0%	9.2%	9.0%	9.2%	9.2%	9.2%	9.2%	9.7%	9.3%	9.5%	9.59
FIRE	13.3%	14.3%	14.3%	14.1%	14.3%	14.6%	5 15.1%	14.5%	15.1%	14.8%	14.9%	14.2%	14.69
Services	12.1%	12.1%	12.0%	12.3%	12.5%	13.0%	13.2%	13.4%	14.0%	15.1%	16.5%	16.9%	17.59
Government	16.2%	15.4%	14.6%	14.6%	14.3%	14.9%	15.0%	15.0%	16.0%	15.4%	16.0%	15.9%	15.59
Federal Civilian	6.0%	5.6%	5.2%	5.1%	5.0%	5.1%	5.1%	4.8%	5.1%	5.1%	5.1%	4.9%	5.09
Federal Military	1.1%	1.0%	1.0%										
State & Local	9.0%	8.7%	8.4%	8.4%	8.1%			9.1%	9.8%	9.1%	9.7%	9.8%	9.39

Source: U.S. Department of Commerce, Bureau of Economic Analysis.

TCPU=Transportation, Communications and Public Utilities; FIRE=Finance, Insurance and Real Estate.

# 1992 Economic Report to the Governor

The sixth annual *Economic Report to the Governor* is now available. The 1992 edition reviews the significant economic and demographic trends that affected Utah during 1991. The report also provides some data for previous years, and projections. The report includes regular chapters on labor market activity, personal income, demographics, gross taxable sales, construction activity, prices and inflation, energy and minerals, tax revenues, and outlooks for Utah, the region, and the nation. Special chapters in the 1992 report are Gross State Product, 1990 Census, Primary Metals Industry, Defense Industry, and Utah's National Recognition.

Important trends that occurred during 1991 in Utah are recognized in the *Economic Report to the Governor*. Some of these are the following:

- \* Utah's 1991 job growth rate was estimated to be 3.1 percent, the third fastest job growth rate in the U.S. during 1991.
- \* For the first time since 1983, Utah experienced net in-migration of 19,000. This is the highest level in more than a decade, and the third highest in 40 years.
- \* The expansion of existing firms and the entrance of new firms into the Utah economy in 1991 increased substantially compared to recent years.
- \* Utah's 1991 total personal income (TPI) increased 7 percent from 1990, a growth rate double that of the U.S. Although Utah's per capita personal income (PCI) is only 76 percent of U.S. PCI, it has increased from 74 percent since 1989.
- \* Utah's \$28.1 billion Gross State Product (GSP) was the 35th largest in the nation in 1989, and the 17th fastest growing between 1977 and 1989. While the national average annual growth ratewas 8.4 percent, Utah's was 8.9 percent.
- \* On July 1, 1991 Utah's population reached 1,775,000, an increase of 2.7 percent over the July 1, 1990 population. The rate of growth is the fastest since 1982.
- \* Utah's gross taxable sales and purchases, the base of Utah's fiscally important sales and use tax, have expanded fourteen straight quarters beginning in the second quarter of 1988.
- \* Utah is projected to have over 1,000,000 more inhabitants in the year 2020 than were counted during the 1990 Census. The projected population in 2020 of 2,715,000 represents an average annual growth of 1.5 percent from 1990.

- \* Between the 1980 and 1990 decennial censuses, Utah's population increased by 17.9 percent, making it the ninth fastest growing state in the U.S.
- \* Over the last three years, Utah has received some very impressive national press coverage and recognition from such magazines as: Money, Time, Fortune, Financial World, The Economist, Wall Street Journal, and Kiplinger Report.

The State Economic Coordinating Committee, formed at Governor Bangerter's request in 1986, provides the information necessary to publish this report. The following agencies contribute to this report: Utah Office of Planning and Budget; Utah Dept. of Employment Security; Dept. of Community and Economic Development; State Tax Commission; Utah Division of Energy; University of Utah's Bureau of Economic and Business Research; Utah Foundation; and First Security Bank.

The Economic Report to the Governor can be purchased for \$12.00 from the Utah Office of Planning and Budget. Those interested in obtaining a copy of the report should call the Demographic and Economic Analysis Section at (801) 538-1036.

# ANNOUNCING: THE DEA DATA SUBSCRIPTION SERVICE

Now you can receive Utah economic and demographic information as soon as it is available! These reports are "musts" for every data user's library. Included are: Economic Report to the Governor, Economic & Demographic Projections, Economic and Demographic Profiles, Utah Demographic Report, and 1990 Census Brief: Age. You will also receive the Utah Data Guide, notification of DEA data conferences, and announcements of 1990 Census and other data availability.

Data users may obtain data in various formsprinted publications, computer diskettes and via OPB's on-line system (see page 4 for more information on OPB On-line). Prices for the subscription service vary, depending on the amount and format of data requested.

Please contact Pat Bowles at (801) 538-1571 for more information and for a subscription service order form.

# State of Utah Economic Forecasts

### Consumer Sentiment Index

The latest results of Utah's Index of Consumer Sentiment (ICS) are from the October 1991 survey. A significant drop in the index occurred in both Utahns' view of Utah and the U.S. consumers' view of the U.S. (see Figure 1).

Since October 1990, when the Utah ICS and the U.S. index had fallen dramatically (to 66.9 and 63.9, respectively), both indices have shown improvement. For Utah, the July 1991 index of 87.9 was higher than the previous four surveys: July 1990, 86.1; October 1990, 66.9; January 1991, 75.0; April 1991, 83.3. The latest index for October 1991 was 82.3, a drop of 5.6 points from July's index.

The decrease in consumer sentiment for the U.S. was less than that for Utah--3.8 points, from 82.1 in July 1991 to 78.3 in October 1991. But, the U.S. index has been lower than Utah's ICS for the past five surveys, indicating greater consumer confidence in Utah.

Although conditions in Utah have remained strong, there have been some declines in growth rates. This is reflected in the drop in consumers' view of the economy. But, economists forecast moderate growth to continue in Utah for 1992 and beyond.

The Index of Consumer Sentiment for Utah is performed by the University of Utah's Survey Research Center. For the October survey, 402 randomly selected adults throughout the state were interviewed by telephone. The U.S. Consumer Sentiment Survey has been conducted nationally since 1946 by the Institute of Social Research at the University of Michigan.

### Utah and U.S. Economic Indicators

Table 5 presents actual and estimated economic indicators for Utah and the U.S. Table 6 provides revenue estimates for the state of Utah. Both tables provide data current as of December 1991.

Unrestricted revenue estimates are developed quarterly by the Utah State Tax Commission and the Office of Planning and Budget. The revenue estimates shown in Table 6 are those included in the "Governor's Budget Recommendations - FY1993."

If you would like updated economic indicators, contact the Demographic and Economic Analysis section at (801) 538-1036.

Figure 1
Utah and U.S. Consumer Sentiment Index

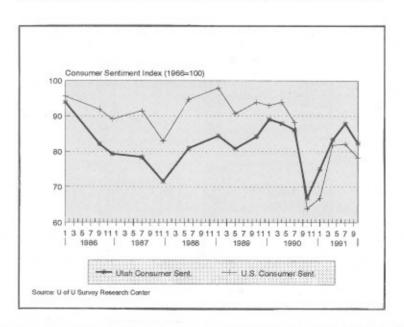


Table 5
Utah and the United States
Actual and Estimated Economic Indicators
December 1991

U.S. AND UTAH INDICATORS	UNITS	1989 Actual	1990 Actual	1991 Estimate	1992 Estimate	% change 89-90	% change 90-91	% chang 91-92
PRODUCTION AND SPENDING	Control or an area	-	upovovida	page and a			6919	
U.S. Gross National Product	Billion Dollars	5,200.8	5,465.1	5,644.2	5,939.0	5.1	3.3	5.2
U.S. Real Gross National Product	Billion 1982\$	4,117.7	4,157.3	4.139.5	4,239.1	1.0	(0.4)	2.4
U.S. Real Personal Consumption	Billion 1982\$	2,656.8	2,681.6	2,691.2	2,763.5	0.9	0.4	2.7
U.S. Real Bus. Fixed Investment	Billion 1982\$	506.1	515.4	502.6	533.6	1.8	(2.5)	6.2
U.S. Real Defense Spending	Billion 1982\$	256.3	258.7	257.6	239.5	0.9	(0.4)	(7.0
U.S. Real Exports	Billion 1982\$	593.3	631.5	654.5	680.5	6.4	3.6	4.0
U.S. Industrial Production	1987=100	108.1	109.2	107.3	111.2	1.0	(1.7)	3.6
Utah Coal Production	Million Tons	20.5	22.0	22.3	23.1	7.4	1.5	3.2
Utah Oil Production	Million Barrels	28.4	27.6	26.1	25.8	(2.8)	(5.4)	(1.1
Utah Copper Production	Million Pounds	514.5	528.9	530.0	584.0	2.8	0.2	10.2
SALES AND CONSTRUCTION			40.0	40.5			40.45	
U.S. New Auto and Truck Sales	Millions	14.5	13.8	12.5	14.1	(4.8)	(9.4)	12.8
U.S. Housing Starts	Millions	1.38	1.20	1.02	1.29	(13.0)	(15.0)	26.5
U.S. Residential Construction	Billion Dollars	231.0	222.0	199.3	233.8	(3.9)	(10.2)	17.3
U.S. Nonresidential Structures	Billion Dollars	146.2	147.0	130.8	124.7	0.5	(11.0)	(4.7
U.S. Final Priv. Domestic Sales	Billion Dollars	3,813.1	3,851.0	3,830.1	3,957.1	1.0	(0.5)	3.3
Utah New Auto and Truck Sales	Thousands Thousands	62.2 5.6	61.2 7.0	53.9 8.6	59.3 9.1	(1.6) 25.0	(11.9)	10.0
Utah Dwelling Unit Permits Utah Residential Permit Value	Million Dollars	447.8	579.4	734.9	781.0	29.4	26.8	6.3
Utah Nonresidential Permit Value	Million Dollars	389.6	422.9	365.5	350.0	8.5	(13.6)	(4.2
Utah Retail Sales	Million Dollars	8,080	8,455	8,904	9,464	4.6	5.3	6.3
DEMOGRAPHICS AND SENTIMENT	-							
U.S. July 1 Res. Population	Millions	246.8	249.5	252.1	254.6	1.1	1.0	1.0
U.S. Consumer Sentiment of U.S.	1966=100	92.8	81.8	79.3	83.8	(11.9)	(3.1)	5.7
Utah July 1 Population	Thousands	1,706.0	1,729.0	1,775.0	1,814.0	1.3	2.7	2.2
Utah July 1 Migration Totals	Thousands	(10.6)	(3.6)	19.0	10.0	na	na	na
Utah Consumer Sentiment of Utah	1966=100	82.9	82.5	82.1	86.0	(0.5)	(0.5)	4.8
PROFITS AND PRICES								
U.S. Corp. Profits Before Tax	Billion Dollars	307.7	304.7	274.2	318.1	(1.0)	(10.0)	16.0
U.S. Oil Ref. Acquis. Cost	\$ Per Barrel	18.0	22.4	19.6	19.8	24.4	(12.2)	0.7
U.S. Coal Price Index	1982=100	95.5	97.5	97.6	99.0	2.1	0.1	1.4
U.S. Ave. Copper Cathode Price	\$ Per Pound	1.31	1.23	1.10	1.02	(5.9)	(10.7)	(7.3
U.S. No. 1 Heavy Melting Scrap	\$ Per Metric Ton	105.6	105.5	95.0	102.0	(0.1)	(10.0)	7.4
Utah Oil Prices Utah Coal Prices	\$ Per Barrel \$ Per Short Ton	18.6 22.0	22.6 21.8	19.9 22.4	20.3	(0.9)	(12.0)	2.0
						(/		-
INFLATION, MONEY AND INTERES U.S. CPI Urban Consumers	1982-84=100	124.0	130.7	136.2	140.3	5.4	4.2	3.0
U.S. GNP Implicit Deflator	1982=100	126.3	131.5	136.4	140.1	4.1	3.7	2.7
U.S. Money Supply (M2)	Billion Dollars	3,130.3	3,292.9	3,388.1	3,539.2	5.2	2.9	4.5
U.S. Real M2 Money Supply (CPI)	Billion 82-84\$	2,524.4	2,519.4	2,487.6	2,522.6	(0.2)	(1.3)	1.4
U.S. Federal Funds Rate	Percent	9.22	8.10	5.73	5.04	(12.1)	(29.3)	(12.0
U.S. Bank Prime Rate	Percent	10.87	10.01	8.52	7.79	(7.9)	(14.9)	(8.6
U.S. Prime Less Federal Funds	Percent	1.65	1.91	2.79	2.75	15.8	46.1	(1.4
U.S. Prime Less CPI Inflation	Percent	6.07	4.61	4.31	4.78	(24.1)	(6.4)	10.8
U.S. 3-Month Treasury Bills	Percent	8.11	7.49	5.45	4.86	(7.6)	(27.2)	(10.8
U.S. T-Bond Rate, 30-Year	Percent	8.45	8.61	8.13	7.76	1.9	(5.6)	(4.6
U.S. Mortgage Rates, Effective	Percent	10.12	10.04	9.38	8.83	(0.8)	(6.6)	(5.9
EMPLOYMENT, WAGES AND INCO		100.00	100.00	100.01	110.04		(0.0)	
U.S. Nonagricultural Employment	Millions	108.33	109.98	109.01	110.24	1.5	(0.9)	1.1
U.S. Average Nonagriculture Wage	Dollars	23,753	24,598	25,584	26,663	3.6	4.0	4.2
U.S. Total Nonagriculture Wages	Billion Dollars	2,573.2	2,705.3	2,788.9	2,939.3 5,080.7	5.1	3.1	5.4 5.3
U.S. Personal Income U.S. Unemployment Rate	Billion Dollars Percent	4,376.4 5.2	4,662.7 5.4	4,824.2 6.7	6.9	6.5 na	3.5 na	5.5 na
Utah Nonagricultural Employment	Thousands	691.2	723.6	746.0	768.5	4.7	3.1	3.0
Utah Average Nonagriculture Wage	Dollars	19,022	19,728	20,520	21,321	3.7	4.0	4.0
Utah Total Nonagriculture Wages	Million Dollars	13,148	14,275	15,308	16,385	8.6	7.2	7.0
Utah Personal Income	Million Dollars	22,287	24,199	25,900	27,760	8.6	7.0	7.2
		4.6	4.3	5.0	4.8	na	na	na
Utah Unemployment Rate	Percent	4.0						

### Table 6 Revenue Comparisons for FY90-93 Modified Accrual Basis (Thousands of Dollars)

	FY90	FY91			FY92 (NOV, 91			FY93 (NOV, 91		
	ACTUAL		CHANGE	% CHG	ESTIMATE)	CHANGE	% CHG	ESTIMATE)	CHANGE	% CH
GENERAL FUND										
SALES TAX (Net of Olympics)	708,234	740,307	32,073	4.53	784,000	43,693	5.90	821,000	37,000	4.72
LIQUOR PROFITS	16,602	17,571	969	5.84	17,000	(571)	-3.25	16,900	(100)	-0.5
INSURANCE PREMIUMS	30,020	27,804	(2,216)	-7.38	30,500	2,696	9.70	31,800	1,300	4.2
BEER, CIG., AND TOBACCO	30,178	31,003	825	2.73	34,000	2.997	9.67	34,400	400	1.1
OIL SEVERANCE TAX	24,707	23,764	(943)	-3.82	17,000	(6,764)	-28.46	17,000	0	0.0
METAL SEVERANCE TAX	5,389	7,252	1.863	34.57	6,500	(752)	-10.37	6,600	100	1.5
INHERITANCE TAX	7,593	4.811	(2,782)	-36.64	5,000	189	3.93	5,000	0	0.0
INVESTMENT INCOME	17.893	10.959	(6,934)	-38.75	7,200	(3,759)	-34.30	7,100	(100)	-1.3
OTHER	32,593	33,946	1,353	4.15	26,000	(7.946)	-23.41	26,800	800	
CIRCUIT BREAKER	(3,363)	(3,513)	(150)	4.46	(3,700)	(187)	5.32			3.0
CIRCUIT DREAKER	(5,505)	(3,513)	(130)	4.40	(3,700)	(107)	3.32	(3,800)	(100)	2.70
SUBTOTAL	869,846	893,904	24,058	2.77	923,500	29,596	3.31	962,800	39,300	4.20
UNIFORM SCHOOL FUND										
ADJSTD INC. TAX COLLECTIONS	682,366	755,916	73,550	10.78	812,000	56,084	7.42	867,500	55,500	6.8
INCOME TAX ACCRUALS	0	0	0	NA	0	0	NA	007,500	0	
SEPT89 INCOME TAX CUT	(35,200)	(38,300)	(3,100)	NA	(41,100)	(2,800)	NA	(43,900)	-	N.
SEPT89 INC TAX CUT ACCRUAL	12,400	0	(12,400)	NA	1				(2,800)	N.
FEDERAL BUDGET WINDFALL	12,400	ő	(12,400)	NA	0	0	NA	0	0	N.
PEDERAL BODGET WINDFALL				NA	4,100	4,100	NA	4,400	300	N/
SUBTOTAL INCOME TAX	659,566	717,616	58,050	8.80	775,000	57,384	8.00	828,000	53,000	6.8
CORPORATE FRANCHISE TAX	99,694	87,766	(11,928)	-11.96	89,000	1,234	1.41	95,000	6,000	6.7
PERMANENT FUND INTEREST	4,533	4,593	60	1.32	5.000	407	8.86	5,600	600	12.00
GROSS RECEIPTS TAX	4,172	3,685	(487)	-11.67	3,700	15	0.41	3,700	0	0.00
OTHER	11,189	12,880	1,691	15.11	13,300	420	3.26	8,800	(4,500)	-33.8
SUBTOTAL	779,154	826,540	47,386	6.08	886,000	59,460	7.19	941,100	55,100	6.22
TOTAL BOTH FUNDS	1,649,000	1,720,444	71,444	4.33	1,809,500	89,056	5.18	1,903,900	94,400	5.22
TRANSPORTATION FUND										
MOTOR FUEL TAX	132,475	131,056	(1,419)	-1.07	132,100	1.044	0.80	122 000	000	000
SPECIAL FUEL TAX	29.092	36,786	7,694	26.45	34,900			133,000	900	0.6
OTHER	38,685	39,570	4.5.5.5.5			(1,886)	-5.13	35,900	1,000	2.8
STHER	28,082	39,570	885	2.29	42,000	2,430	6.14	43,300	1,300	3.10
SUBTOTAL	200,252	207,412	7,160	3.58	209,000	1,588	0.77	212,200	3,200	1.53
OTAL ALL FUNDS	1,849,252	1,927,856	78,604	4.25	2,018,500	90,644	4.70	2,116,100	97,600	4.84
INERAL LEASE ROYALTIES	31,009	28,748	(2,261)	-7.29	27,200	(1,548)	5 20	20 600	1 400	E 11
MINERAL LEASE BONUSES	3,932	3,630	(302)	-7.68			-5.38	28,600	1,400	5.15
MINERAL LEASE BONUSES	3,932	0,000	(302)	-7.08	3,800	170	4.68	3,800	0	0.00
GRAND TOTAL	1,884,193	1.960,234	76.041	4.04	2.049.500	89,266	4.55	2.148,500	99.000	4.83

1) Corporate taxes decline in FY91 largely due to a refund paid to a major corporation.

3) Effective July 1, 1991, cigarette taxes were raised 3.5 cents per pack.

5) Investment income declines in FY91 and FY92 due to lower interest rates and fund balances.

fuel tax now being collected at the pump.

8) The increase in the transportation fund OTHER category in FY92 is due to fee increases for plate replacement, duplicate title certificates, duplicate registrations, and increased charges for driver's licenses.

Source: Utah State Tax Commission and Utah Office of Planning and Budget.

The general fund OTHER category decreases in FY92 due to the transfer of revenues collected by the Department of Commerce into a restricted fund.

Severance tax workover credits are deductible as of January 1990. New sliding scale rates take effect January 1992.

<sup>6)</sup> The uniform school fund OTHER category increases in FY91 and FY92 largely due to settlements reached with IPA. 7) The increase in special fuels collections in FY91 is largely due to the reduction in tax evasion due to the diesel

<sup>9)</sup> The decline in mineral lease payments in FY91 and FY92 is due largely to new Department of Interior administrative charges for collecting and distributing leases and bonuses.

<sup>10)</sup> The insurance premium tax for FY91 was reduced \$1.5 million in order to return monies to the 2nd injury fund that were incorrectly deposited into the general fund in FY90.



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The Demographic and Economic Analysis section (DEA) of the Utah Office of Planning and Budget provides economic and demographic data and analysis for the governor's office, state and local governments, state agencies, businesses and the public. DEA is also the lead agency in Utah for the Bureau of the Census' State Data and Business and Industry Data Center (SDC/BIDC) programs. While the 35 SDC or BIDC affiliates listed below have specific areas of expertise, they can also provide assistance to data users in accessing Census and other data sources. If you would like a free subscription to this quarterly newsletter, call DEA at (801) 538-1036. All of the affiliates listed below are in Salt Lake City unless noted otherwise. All telephone area codes in Utah are 801.

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Bountiful, (292-4469)

Cache County Economic Dev., Bobbie Coray, Logan, (753-3631) Economic Development Corp. of Utah, Perry Schmid, (328-8824) Grand County Economic & Community Dev., Betty Stanton, Moab, (259-6388)

Park City Chamber/Bureau, Gregg Goodwin,

Park City, (649-6100)

Utah Navajo Development Council, George Etsitty, Blanding, (678-2285)

Utah Small Business Dev. Center., Ed Harris, SUU Bus. Dept., Cedar City, (586-5405)

Utah Small Business Dev. Center, Kathy Ricci, (581-7905)

Utah Valley Econ. Dev. Assoc., Richard Bradford, Provo. (370-8100)

Vernal Area Chamber of Commerce, Ray Kier, Vernal, (789-1352) Weber Economic Dev. Corp., Marylyn Gale, Ogden, (627-1333)